

United States of America  
Department of Transportation — Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA4197SW

*This certificate, issued to* S-TEC Corporation  
Rt. 4, Bldg. 946  
Wolters Industrial Complex  
Mineral Wells, Texas 76067

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.*

*Original Product — Type Certificate Number:* 3A13

*Make:* Cessna

*Model:* 182P, 182C

*Description of Type Design Change:* Installation of S-TEC System 60 Two Axis Flight Guidance System, Model ST-011 with Optional Autotrim System, according to Bulletin No. 111, Revision 3, dated 7-18-81 and Master Drawing List No. 9216, Revision C, dated 7-18-81 with Optional Flight Director Steering Horizon according to Bulletin No. 120, dated 6-02-80 and Master Drawing List No. 9209, dated 6-02-80, or later FAA approved revision. (14 Volt System)

*Limitations and Conditions:* See Continuation Sheet, page 2 of this STC.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* August 18, 1980

*Date received:* 5/14/81; 9/9/81  
Revision 2

*Date of issuance:* September 9, 1980

*Date amended:*



*By direction of the Administrator*

*Don F. Watson*  
(Signature)  
Don F. Watson  
Chief, Engineering and Manufacturing Branch  
(Title)

*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*

*This certificate may be transferred in accordance with FAR 21.47.*

United States of America  
Department of Transportation—Federal Aviation Administration  
**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* SA4197SW      Revision 2

Limitations and Conditions:

1. FAA Approved Supplemental Flight Manual P/N 8912 dated 9/9/80 is required with S-TEC System 60 Two Axis Automatic Flight Control System Model ST-011.
2. FAA Approved Supplemental Flight Manual P/N 8912-1 dated 5/14/81 is required with S-TEC System 60 Two Axis Automatic Flight Control System Model ST-011 with or without optional Autotrim System;  
or  
FAA Approved Supplemental Flight Manual P/N 8912-2 dated 9-9-81 is required for Cessna Model 182P and Cessna Model 182Q, S/N 18266590 and BELOW with S-TEC System 60 Two Axis Automatic Flight Guidance System, Model ST-011, with or without optional Autotrim System;  
or  
Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement P/N 8973 dated 9-9-81 is required for Cessna Model 182Q, S/N 18266591 and UP with S-TEC System 60 Two Axis Automatic Flight Guidance System, Model ST-011, with or without optional Autotrim System.
3. Compatibility of this modification with other previously approved modifications must be determined by the installer.

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*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

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## TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number \_\_\_\_\_

to *(Name of transferee)* \_\_\_\_\_

*(Address of transferee)* \_\_\_\_\_

*(Number and street)*

\_\_\_\_\_  
*(City, State, and ZIP code)*

from *(Name of grantor) (Print or type)* \_\_\_\_\_

*(Address of grantor)* \_\_\_\_\_

*(Number and street)*

\_\_\_\_\_  
*(City, State, and ZIP code)*

Extent of Authority (if licensing agreement): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date of Transfer: \_\_\_\_\_

Signature of grantor *(In ink)*: \_\_\_\_\_